

PREMIER AVIATION INC.
2621 Aviation Parkway
Grand Prairie, Texas 75052

FAA APPROVED
ROTORCRAFT FLIGHT MANUAL
SUPPLEMENT FOR
BELL MODEL 206L-3/L-4
WITH
WESCAM 24DB CAMERA POD

Reg. No. _____

Serial No. _____

This supplement must be attached to the appropriate FAA approved Bell Helicopter/Textron Model 206L-3/L-4 Rotorcraft Flight Manual when the WESCAM 24DB Camera Pod has been installed in accordance with PREMIER Aviation Inc. STC No. **SR09068RC**

The Information contained herein supplements or supersedes the Basic Flight Manual only in those areas listed herein. For limitations, procedures and performance information not contained in this document, consult the Basic Flight Manual.

FAA Approved: _____

Carl F. Mittag, Manager
Rotorcraft Certification Office, ASW-170
Federal Aviation Administration
2601 Meacham Boulevard
Fort Worth, Texas 76193-0170



FAA Approved: APR 30 1996

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PREMIER AVIATION INC.
2621 Aviation Parkway
Grand Prairie, Texas 75052
Phn 214-988-6181 FAX 214-660-2670

Rotax Flight Manual Supplement
for Bell Model 206L-3/L-4
with WESCAM 24DB Camera Pod

LOG OF REVISIONS

Rev	Description	Approval	Date
-	Initial Release		4/30/96

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INTRODUCTION:

Equipment Description:

The PREMIER Mount Arm Assembly is the support structure that allows for the mounting of the WESCAM 24DB Camera Pod on the left or right side of the aircraft.

Approved Mount Arm Assembly configurations are specified in PREMIER Aviation Inc. Drawing No. 282-13021, Camera Pod Instl. - WESCAM 24DB.

Weight and Balance (Unapproved Data):

The following weight and balance numbers may be used to approximate the change in aircraft Center of Gravity due to the installation of the PREMIER Mount Arm Assembly in conjunction with the WESCAM 24DB Camera Pod.

WEIGHT	STATION	B.L.
185 lbs.	97.5	46.0

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SECTION 1:

OPERATING LIMITATIONS

WEIGHT AND BALANCE:

Actual weight and balance shall be determined after installation of the 24DB WESCAM Camera Pod. Ballast shall be installed, if necessary, to return the C.G. to within allowable limits.

NOTE:

With the Camera Pod installed on the aircraft, ballast may be required to remain within the LATERAL C.G. envelope.

When installed on a 206L-4, operation above 4150 lbs G.W. prohibited.

INSTALLATION:

The WESCAM Camera Pod may be mounted on aircraft with high skid gear, with or without floats, or with low skid gear.

The WESCAM Camera Pod may be mounted on the left or right side of the aircraft.

FLIGHT CREW:

Minimum crew is one pilot seated in the right forward crew seat.

AIRSPEED:

With the 24DB WESCAM Camera Pod installed, V_{NE} is 110 KIAS.

REQUIRED PLACARDS:

V_{NE} FOR 24DB WESCAM
POD IS 110 KIAS

WITH WESCAM CAMERA POD INSTALLED SELECTIVE
PASSENGER LOADING AND EMPTY WEIGHT C.G. LIMITS
DO NOT APPLY

THE PILOT IS RESPONSIBLE FOR DETERMINING WEIGHT
AND BALANCE TO INSURE GROSS WEIGHT AND CG WILL
REMAIN WITHIN LIMITS THROUGHOUT EACH FLIGHT

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SECTION 2:

NORMAL PROCEDURES

EXTERIOR CHECK:

Ensure security of Mount Arm Assembly. Ensure that retaining pins are inserted and latched.

SECTION 3:

EMERGENCY and MALFUNCTION PROCEDURES:

NO CHANGES

SECTION 4:

PERFORMANCE:

RATE OF CLIMB:

With WESCAM Camera Pod installed, reduce RFM rate of climb 150 feet per minute.

NOISE LEVEL

The following data was developed through analysis based upon approved data from the Model 206L-4. It is provided based upon similarity granting that the 206L-4 should have higher noise levels than the 206L-3 due to the L-4's higher gross weight.

FLIGHT CONDITION	EPNL (EPN dB)
Takeoff	88.5
Flyover	85.2
Approach	91.2

NOTE:

No determination has been made by the FAA that the noise levels of this installation should be acceptable or unacceptable for operations at, into, or out of any airport.

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